

Amendments to the Claims

Please add new claims 25 to 41 as follows:

1.-21. (CANCELED)

22. (PREVIOUSLY PRESENTED) A pickup comprising:

an upper coil;

a lower coil; and

a single, uniformly completely flat non-magnetized ferromagnetic plate disposed between the upper coil and the lower coil.

23. (PREVIOUSLY PRESENTED) The pickup as recited in claim 22, further comprising at least one magnetic pole piece disposed partially within the upper coil and disposed partially within the lower coil and extending through at least one hole in the ferromagnetic plate.

24. (PREVIOUSLY PRESENTED) The pickup as recited in claim 23, wherein at least one magnetic pole piece extends from above the upper coil to the lower coil.

25. (NEW) A pickup comprising:

an upper bobbin being elongated along a longitudinal plane;

a lower bobbin being elongated along the longitudinal plane;

a single, uniformly flat non-magnetized ferromagnetic plate disposed between the bobbins and having opposing ends that are substantially parallel to the longitudinal plane.

26. (NEW) The pickup of claim 25 further comprising:

an upper winding wound longitudinally around the upper bobbin; and

a lower winding wound longitudinally around the lower bobbin.

27. (NEW) The pickup of claim 26 wherein the opposing ends of the plate terminate approximately below the upper winding.

28. (NEW) The pickup of claim 26 wherein the opposing ends of the plate terminate approximately above the lower winding.

29. (NEW) The pickup of claim 25 wherein the bobbins each including a plurality of holes, the pickup further comprising a plurality of permanent magnet pole pieces situated within the holes of the bobbins.

30. (NEW) The pickup of claim 25 further comprising a plurality of screws that hold the bobbins together.

31. (NEW) The pickup of claim 30 wherein the screws include ferromagnetic screws that alter the inductance of the pickup when holding the bobbins together.

32. (NEW) The pickup of claim 30 wherein the ferromagnetic screws comprise steel screws.

33. (NEW) The pickup of claim 25 wherein the plate comprises a steel plate.

34. (NEW) The pickup of claim 25 wherein the upper bobbin includes at least one receptacle configured to receive a ferromagnetic cylinder that alters the inductance of the pickup when inserted into the receptacle.

35. (NEW) A pickup comprising:
a longitudinally elongated upper winding;
a longitudinally elongated lower winding;
a single, uniformly flat non-magnetized ferromagnetic plate disposed between the windings;
the plate having opposing ends that are substantially parallel to the windings and that terminate approximately below the upper winding and approximately above the lower winding.

36. (NEW) The pickup of claim 35 further comprising:
an upper bobbin about which the upper winding is wound and including a plurality of holes;
a lower bobbin about which the lower winding is wound and including a plurality of holes; and
a plurality of permanent magnet pole pieces situated within the holes of the bobbins.

37. (NEW) The pickup of claim 36 further comprising a plurality of screws that hold the bobbins together.

38. (NEW) The pickup of claim 37 wherein the screws include ferromagnetic screws that alter the inductance of the pickup when holding the bobbins together.

39. (NEW) The pickup of claim 38 wherein the ferromagnetic screws comprise steel screws.

40. (NEW) The pickup of claim 35 wherein the plate comprises a steel plate.

41. (NEW) The pickup of claim 35 wherein the upper bobbin includes at least one receptacle configured to receive a ferromagnetic cylinder that alters the inductance of the pickup when inserted into the receptacle.

Closing Comments

In view of the foregoing, it is respectfully submitted that the subject application, including claims 22-41, is in condition for allowance. Early notification of the same by the Patent Office is respectfully requested.

Respectfully submitted,

Dated: 4/08/05



Jan P. Weir

Registration No. 43,253

Stradling, Yocca, Carlson & Rauth
660 Newport Center Drive, Suite 1600
Newport Beach, California 92660
Telephone: (949) 725-4000
Facsimile: (949) 725-4100